EBA ENGINEERING
CIVIL & ENVIRONMENTAL ENGINEERS

February 24, 2006

Mr. Cliff Ives
County of Sonoma
Department of Health Services
Environmental Health Division
3273 Airway Dr., Ste. D
Santa Rosa, CA 95403-2097

RE: 4th QUARTER 2005 MONITORING AND SAMPLING REPORT
74 BENSON LANE, COTATI, CALIFORNIA
EBA Project No. 02-944 (31)

Dear Mr. Ives:

Please find enclosed the Fourth Quarter 2005 Monitoring and Sampling Report prepared by EBA Engineering (EBA) for the site located at 74 Benson lane, Cotati, California (Figure 1). Quarterly sampling events are being conducted at the request of the County of Sonoma Department of Health Services–Environmental Health Division (CSDHS-EHD).

QUARTERLY MONITORING AND SAMPLING

On November 10, 2005, EBA personnel collected groundwater samples from monitoring wells MW-1 through MW-4, MW-6, and the domestic well. EBA also measured depth to water (DTW) in the monitoring wells, only, during this same sampling event. The corresponding groundwater flow direction was calculated to be approximately South 53° West with a hydraulic gradient of 0.25 foot/foot. Groundwater elevations are illustrated on the Potentiometric Surface Map (Figure 2) and summarized in Table 1.

Prior to sampling, the wells were purged of standing water to aid in collection of a sample that is representative of formation water. Field data sheets detailing the monitoring of groundwater pH, electrical conductivity and temperature during well purging are attached. Each monitoring well was purged until the water quality parameters had stabilized and a minimum of three well volumes was removed. Purge water is stored on-site in properly labeled 55-gallon DOT 17H drums pending disposal.

Groundwater samples were collected from each monitoring well with a single sample disposable bailer fitted with a bottom-emptying device to minimize water degassing. Groundwater samples collected from the monitoring wells were transferred into properly labeled, laboratory supplied sterile sample containers. The groundwater samples were logged on a Chain-of-Custody form and placed under refrigerated conditions pending transport to Alpha Analytical Laboratories, Inc., a California State-certified laboratory, for chemical testing. The Certified Analytical Report and Chain-of-Custody Record are included with this report.

DOMESTIC WELL

A groundwater sample was collected from the domestic well located on the northwestern portion of the property. The groundwater sample was collected from a faucet inside a pump house adjacent to the house. Prior to collecting the sample, the faucet was allowed to run for approximately 15 minutes.

GROUNDWATER ANALYTICAL

All groundwater samples collected were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) and Total Petroleum Hydrocarbons as diesel (TPH-d) using Environmental Protection Agency (EPA) Method 8260GRO and 8015DRO, respectively. Benzene, toluene, ethylbenzene, and total xylenes (BTEX); and the fuel oxygenate Methyl tert-Butyl Ether (MtBE) were analyzed using EPA Method 8260B. The Certified Analytical Report and corresponding Chain-of-Custody Record are attached with this report.

ANALYTICAL RESULTS

The groundwater sample collected from the domestic well did not contain concentrations of petroleum hydrocarbons or their constituents at or above the Practical Quantition Limit (PQLs). The only reported concentration of contaminants were found in monitoring wells MW-1, and MW-4. MW-1 contained concentrations of TPH-g at 3,200 micrograms per liter (µg/L), as well as, lesser concentrations of TPH-d, benzene, ethylbenzene, and total xylenes. MW-4 contained a low concentration of toluene at 0.30 µg/L. All other constituents analyzed were below the respective PQLs. Cumulative groundwater analytical results are listed in Table 2 provided herein.

If you should have any questions regarding this report, please contact EBA at (707) 544-0784.

Sincerely,
EBA ENGINEERING

Benjamin L. Melosh
Staff Geologist

Reviewed by

Matthew Earnshaw, P.G.
Project Geologist

Supervised by

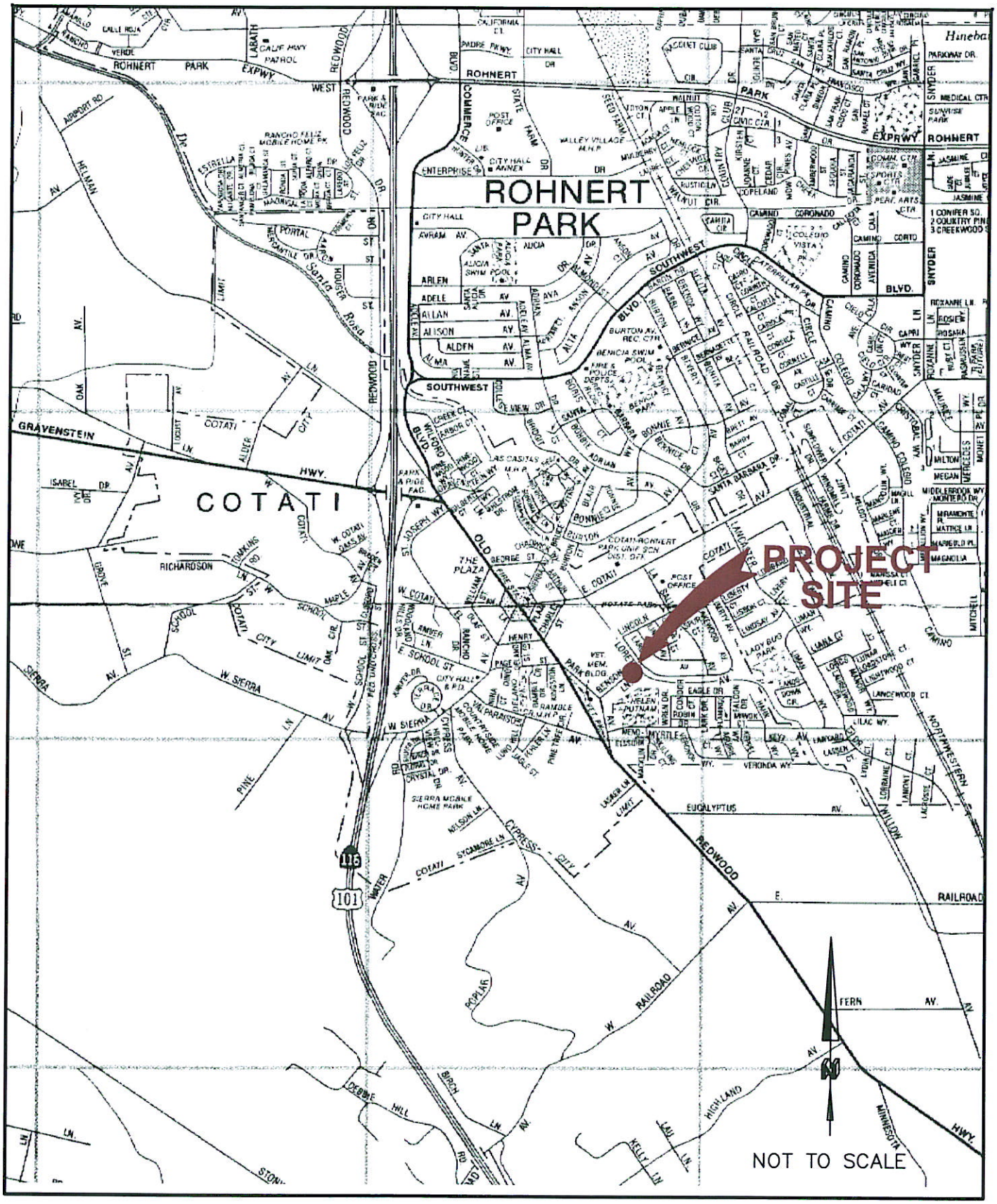
Duane Butler, P.E., R.E.A.
C.E. #13357

REGISTERED PROFESSIONAL ENGINEER
DUANE W. BUTLER
No. 13357
CIVIL
State of California
3/31/07

Attach: Figure 1: Vicinity Map
Figure 2: Potentiometric Groundwater Map – November 10, 2005
Table 1: Monitoring Well Survey and Water Level Data
Table 2: Groundwater Analytical Results – TPH-g, TPH-d, BTEX, MtBE
Table 3: Groundwater Sample Analytical Results – Lead Scavengers and Dissolved Lead
Field Data Sheets
Certified Analytical Report and Chain-of-Custody Record

cc: Ms. Debra Bel, Attorney at Law, P.O. Box 194, Cotati, CA 94931

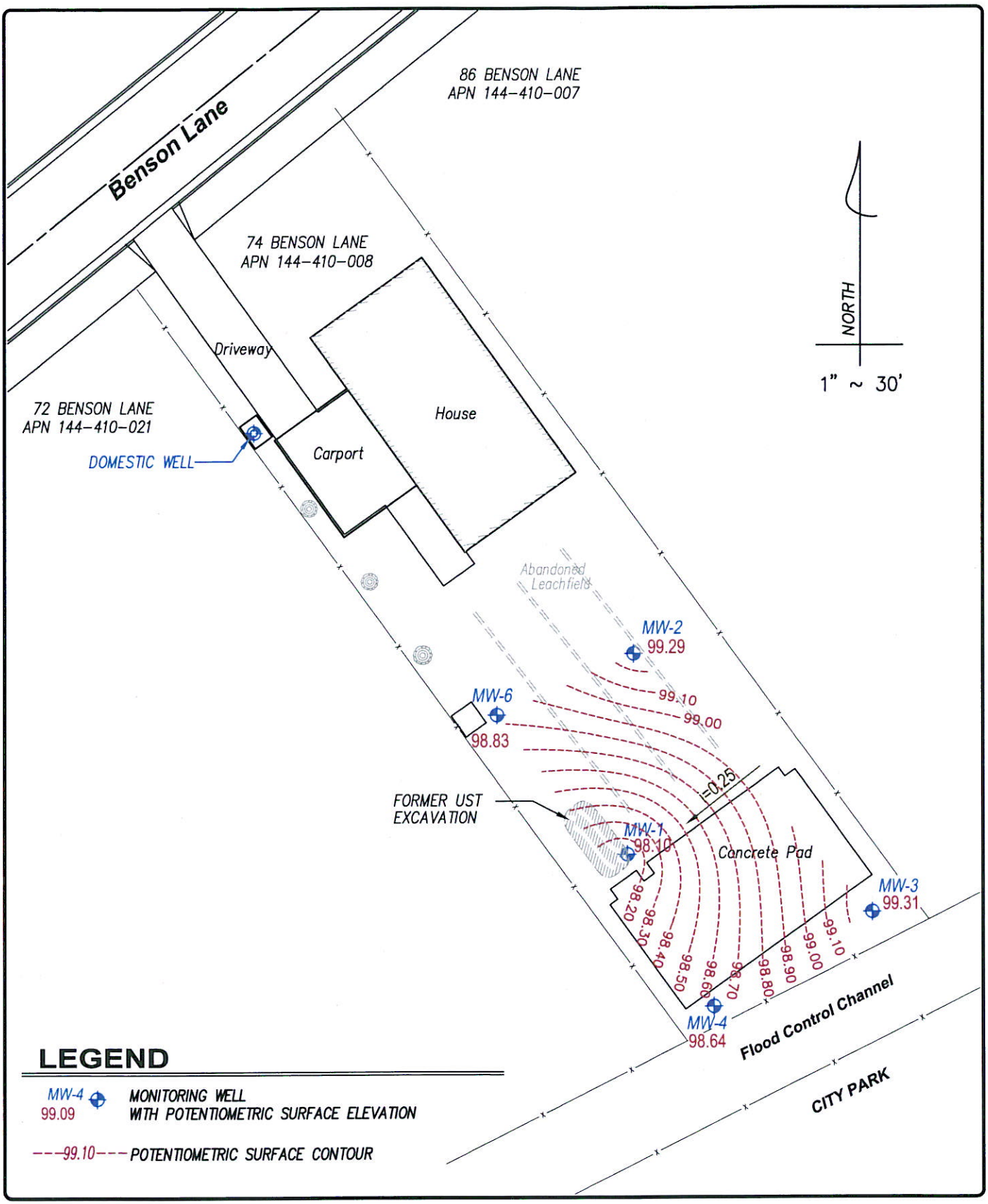
Mr. Frank Archini, 1697 Broadway, Burlingame, CA 94010



VICINITY MAP

TURNER ESTATE
74 BENSON LANE
COTATI, CALIFORNIA

FIGURE
1
02-944



POTENTIOMETRIC SURFACE MAP

NOVEMBER 10, 2005

TURNER ESTATE
74 BENSON LANE
COTATI, CALIFORNIA

FIGURE
2
02-944
SEPT 2005

Q:\02-944\SITE PLAN 2005.dwg, PSM 11-10-05, 2/23/2006 1:41:34 PM

TABLE 1
MONITORING WELL SURVEY AND WATER LEVEL DATA
74 Benson Lane, Cotati, California
EBA Project No. 02-944

Well ID	Date	Well Depth (feet)	Screened Interval (feet)	TOC Elevation above MSL (feet)	Depth to Groundwater TOC (feet)	Groundwater Elevation above MSL (feet)
MW-1	10/8/2003	30	10-30	108.07	18.78	89.29
	1/15/2004				7.10	100.97
	4/29/2004				8.88	99.19
	7/30/2004				13.11	94.96
	10/21/2004				13.65	94.42
	1/21/2005				6.16	101.91
	4/5/2005				5.03	103.04
	8/18/2005				8.80	99.27
	11/10/2005				9.97	98.10
MW-2	8/18/2005	18	5-20	108.09	8.61	99.48
	11/10/2005				8.80	99.29
MW-3	8/18/2005	20	5-18	107.78	8.49	99.29
	11/10/2005				8.47	99.31
MW-4	8/18/2005	20	5-20	108.26	9.17	99.09
	11/10/2005				9.62	98.64
MW-6	8/18/2005	20	5-20	108.24	9.06	99.18
	11/10/2005				9.41	98.83

TOC = Top of Casing.
MSL= Mean Sea Level.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
TPH-g, TPH-d, BTEX and MtBE
74 Benson Lane, Cotati, California
EBA Project No. 02-944

Sample ID	Date	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)
MW-1	10/8/2003	NA	**2300**	**28**	**6.0**	**380**	**680**	<5.0
	1/15/2004	**1900**	<62	**2.1**	<1.5	**18**	**71**	<2.5
	4/29/2004	**6000**	**490**	<30	<30	**68**	**120**	<50
	7/30/2004	**6300**	**590**	<50	<50	**200**	**240**	<50
	10/21/2004	**6200**	**740**	**3.2**	**0.6**	**19**	**100**	<0.50
	1/21/2005	**1900**	**480**	<0.60	<0.60	**23**	**42**	<1.0
	4/5/2005	**390**	<50	<0.30	<0.30	**4.7**	**7.6**	<0.50
	8/18/2005	**5,400**	**240**	**0.67**	**0.55**	**41**	**37**	<0.50
	11/10/2005	**3,200**	**140**	**6.4**	<6.0	**66**	**56**	<10
MW-2	8/18/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	11/10/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
MW-3	8/18/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	11/10/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
MW-4	8/18/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	11/10/2005	<50	<50	<0.30	**0.30**	<0.50	<0.50	<0.50
MW-6	8/18/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	11/10/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
DW	10/8/2003	NA	**75**	<0.30	<0.30	<0.50	<0.50	<1.0
	10/16/2003	<50	<54	<0.30	<0.30	<0.50	<0.50	<0.50
	1/15/2004	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	4/29/2004	<50	**89**	<0.30	<0.30	<0.50	<0.50	<0.50
	5/18/2004	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	7/30/2004	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	10/21/2004	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	1/21/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	4/5/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	8/18/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	11/10/2005	<50	<50	<0.30	<0.30	<0.50	<0.50	<0.50

TPH-g = Total Petroleum Hydrocarbons as Gasoline.
TPH-d = Total Petroleum Hydrocarbons as Diesel.
MtBE = Methyl tert-Butyl Ether.
µg/L = Micrograms per Liter.
NA = Not Analyzed.

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Lead Scavengers & Dissolved Lead
74 Benson Lane, Cotati, California
EBA Project No. 02-944

Sample I.D.	Date	1,2-Dichloro-ethane µg/L	Clorobenzene µg/L	1,3-Dichloro-benzene µg/L	1,4-Dichloro-benzene µg/L	1,2-Dichloro-benzene µg/L	1,2-Dibromo-ethane (EDB) µg/L	Dissolved Lead mg/L
MW-1	10/8/2004	NA	NA	NA	NA	NA	NA	NA
	1/15/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.05
	8/18/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05
	11/10/2005	<10	<10	<10	<10	<10	<10	NA
MW-2	8/18/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.05
	11/10/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
MW-3	8/18/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.05
	11/10/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
MW-4	8/18/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.05
	11/10/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
MW-6	8/18/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.05
	11/10/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
DW	10/8/2003	NA	NA	NA	NA	NA	NA	NA
	10/16/2003	NA	NA	NA	NA	NA	NA	NA
	1/15/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.05
	8/18/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.05
	11/10/2005	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA

µg/l = micrograms per liter.
NA= Not Analyzed.

Project No.	02-944	Well No:	MW-1
Project Location:	74 Benson Ln., Cotati, CA	Well Depth from TOC:	30'
Global I.D.	T0609734491	Well Diameter:	2"
Date:	11/10/2005	Product Level from TOC:	Not Present
Time:	1348	Water Level from TOC:	9.97'
Recorded by:	Ben Melosh	Screened Interval:	10'-30'
Purge Duration:	15 minutes	Well Elevation (TOC):	108.07' above MSL

WEATHER

Wind:	0-5 mph	Precip. in last 5 days:	None

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(30' - 9.97') x (0.08333)^2 x 3.14 x 7.48 = 3.26 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

9.78 gallons in 3 well volumes 10.0 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1349	6.82	434	18.7	0.5	Clear; HC odor
1356	6.65	436	18.6	5.0	Cloudy grey; HC odor
1404	6.92	519	17.1	10.0	Cloudy grey; HC odor

Water Level After Purging:	16.92	ft. (TOC)	80% of Original Water Level:	13.98	ft. (TOC)
Water Level Before Sampling:	9.45	ft. (TOC)			
APPEARANCE OF SAMPLE:	Slightly cloudy		Time:	1450	

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM: Not Applicable
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: Fuel Oxygenates, TPH-g, TPH-d.

LABORATORY: Alpha Analytical Laboratories Inc., Ukiah, Ca.

Project No.	02-944	Well No:	MW-2
Project Location:	74 Benson Ln., Cotati, CA	Well Depth from TOC:	20'
Global I.D.	T0609734491	Well Diameter:	2"
Date:	11/10/2005	Product Level from TOC:	Not Present
Time:	1125	Water Level from TOC:	8.80'
Recorded by:	Ben Melosh	Screened Interval:	5'-20'
Purge Duration:	8 minutes	Well Elevation (TOC):	108.09' above MSL

WEATHER

Wind:	0-5 mph	Precip. in last 5 days:	None

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - 8.80') x (0.08333)^2 x 3.14 x 7.48 = 1.83 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

5.49 gallons in 3 well volumes 5.5 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1126	7.46	669	18.7	0.5	Clear
1128	7.39	677	18.7	2.5	Cloudy Brown
1132	7.43	683	18.1	5.5	Cloudy Brown

Water Level After Purging: 10.30 ft. (TOC) 80% of Original Water Level: 11.04 ft. (TOC)

Water Level Before Sampling: 10.30 ft. (TOC)

APPEARANCE OF SAMPLE: Cloudy Brown Time: 1135

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM: Not Applicable
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: Fuel Oxygenates, TPH-g, TPH-d.

LABORATORY: Alpha Analytical Laboratories Inc., Ukiah, Ca.

Project No.	02-944	Well No:	MW-3
Project Location:	74 Benson Ln., Cotati, CA	Well Depth from TOC:	18'
Global I.D.	T0609734491	Well Diameter:	2"
Date:	11/10/2005	Product Level from TOC:	Not Present
Time:	1055	Water Level from TOC:	8.47'
Recorded by:	Ben Melosh	Screened Interval:	5'-18'
Purge Duration:	7 minutes	Well Elevation (TOC):	107.78' above MSL

WEATHER

Wind:	0-5 mph	Precip. in last 5 days:	None

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(18' - 8.47') x (0.08333)^2 x 3.14 x 7.48 = 1.55 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

4.65 gallons in 3 well volumes | 5.0 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1056	7.84	571	18.3	0.5	Slightly cloudy brown
1059	7.71	554	17.8	2.5	Cloudy brown
1103	7.65	562	17.6	5.0	Cloudy brown

Water Level After Purging: 10.23 ft. (TOC) | 80% of Original Water Level: 10.38 ft. (TOC)

Water Level Before Sampling: 10.23 ft. (TOC)

APPEARANCE OF SAMPLE: Cloudy brown | Time: 1110

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM: Not Applicable
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: Fuel Oxygenates, TPH-g, TPH-d.

LABORATORY: Alpha Analytical Laboratories Inc., Ukiah, Ca.

Project No.	02-944	Well No:	MW-4
Project Location:	74 Benson Ln., Cotati, CA	Well Depth from TOC:	20'
Global I.D.	T0609734491	Well Diameter:	2"
Date:	11/10/2005	Product Level from TOC:	Not Present
Time:	1040	Water Level from TOC:	9.62'
Recorded by:	Ben Melosh	Screened Interval:	5'-20'
Purge Duration:	7 minutes	Well Elevation (TOC):	108.26' above MSL

WEATHER

Wind:	0-5 mph	Precip. in last 5 days:	None

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - 9.62') x (0.08333)^2 x 3.14 x 7.48 = 1.69 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

5.07 gallons in 3 well volumes 5.5 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1040	7.23	462	17.9	0.5	Slightly cloudy brown
1043	7.19	481	17.9	3.0	Cloudy brown
1047	7.23	472	17.9	5.5	Cloudy brown

Water Level After Purging:	12.43	ft. (TOC)	80% of Original Water Level:	11.70	ft. (TOC)
Water Level Before Sampling:	9.56	ft. (TOC)			
APPEARANCE OF SAMPLE:	Clear		Time:	1410	

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM: Not Applicable
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: Fuel Oxygenates, TPH-g, TPH-d.

LABORATORY: Alpha Analytical Laboratories Inc., Ukiah, Ca.

Project No.	02-944	Well No:	MW-6
Project Location:	74 Benson Ln., Cotati, CA	Well Depth from TOC:	20'
Global I.D.	T0609734491	Well Diameter:	2"
Date:	11/10/2005	Product Level from TOC:	Not Present
Time:	1020	Water Level from TOC:	9.41'
Recorded by:	Ben Melosh	Screened Interval:	5'-20'
Purge Duration:	8 minutes	Well Elevation (TOC):	108.24' above MSL

WEATHER

Wind:	0-5 mph	Precip. in last 5 days:	None

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - 9.41') x (0.08333)^2 x 3.14 x 7.48 = 1.76 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

5.28 gallons in 3 well volumes 5.5 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1024	7.51	670	18.1	0.5	Slightly cloudy brown
1027	7.48	767	18.4	3	Cloudy brown
1032	7.46	811	18.1	5.5	Cloudy brown

Water Level After Purging:	13.75	ft. (TOC)	80% of Original Water Level:	11.53	ft. (TOC)
Water Level Before Sampling:	9.39	ft. (TOC)			
APPEARANCE OF SAMPLE:	Slightly cloudy		Time:	1430	

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM: Not Applicable
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: Fuel Oxygenates, TPH-g, TPH-d.

LABORATORY: Alpha Analytical Laboratories Inc., Ukiah, Ca.

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

23 November 2005

EBA Wastechnologies
Attn: David Noren
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
RE: 74 Benson Lane
Work Order: A511362

Enclosed are the results of analyses for samples received by the laboratory on 11/11/05 13:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nena M. Burgess For Sheri L. Speaks
Project Manager

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DW	A511362-01	Water	11/10/05 10:00	11/11/05 13:00
MW-1	A511362-02	Water	11/10/05 14:50	11/11/05 13:00
MW-2	A511362-03	Water	11/10/05 11:35	11/11/05 13:00
MW-3	A511362-04	Water	11/10/05 11:10	11/11/05 13:00
MW-4	A511362-05	Water	11/10/05 14:10	11/11/05 13:00
MW-6	A511362-06	Water	11/10/05 14:30	11/11/05 13:00

Nena M. Burgess For Sheri L. Speaks
Project Manager

11/23/2005

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
DW (A511362-01)			**Sample Type: Water**			**Sampled: 11/10/05 10:00**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Diesel	8015DRO	AK52103	11/18/05	11/23/05	1	ND ug/l		50	
TPH as Gasoline	8260GRO	AK52114	11/18/05	11/19/05	"	ND "		50	
Surrogate: Tetratetracontane	*8015DRO*	*AK52103*	*11/18/05*	*11/23/05*		*46.8 %*	*20-152*		
Surrogate: Toluene-d8	*8260GRO*	*AK52114*	*11/18/05*	*11/19/05*		*112 %*	*79-141*		
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AK52119	11/18/05	11/19/05	1	ND ug/l		0.30	
Toluene	"	"	"	"	"	ND "		0.30	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	ND "		0.50	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Di-isopropyl ether	"	"	"	"	"	ND "		0.50	
Ethyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Tert-amyl methyl ether	"	"	"	"	"	ND "		0.50	
Tert-butyl alcohol	"	"	"	"	"	ND "		10	
1,2-Dichloroethane	"	"	"	"	"	ND "		0.50	
Chlorobenzene	"	"	"	"	"	ND "		0.50	
1,3-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,4-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dibromoethane (EDB)	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*100 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*112 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*112 %*	*88-139*		
MW-1 (A511362-02)			**Sample Type: Water**			**Sampled: 11/10/05 14:50**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Diesel	8015DRO	AK52103	11/18/05	11/23/05	0.9302	**140 ug/l**		**47**	D-07
TPH as Gasoline	8260GRO	AK52114	11/18/05	11/19/05	20	**3200 "**		**1000**	
Surrogate: Tetratetracontane	*8015DRO*	*AK52103*	*11/18/05*	*11/23/05*		*64.8 %*	*20-152*		
Surrogate: Toluene-d8	*8260GRO*	*AK52114*	*11/18/05*	*11/19/05*		*116 %*	*79-141*		

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Nena M. Burgess For Sheri L. Speaks
Project Manager

11/23/2005

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CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
MW-1 (A511362-02)			**Sample Type: Water**			**Sampled: 11/10/05 14:50**			
Volatile Organic Compounds by EPA Method 8260B									**R-06**
Benzene	EPA 8260B	AK52119	11/18/05	11/19/05	20	**6.4 ug/l**		**6.0**	
Toluene	"	"	"	"	"	ND "		6.0	
Ethylbenzene	"	"	"	"	"	**66 "**		**10**	
Xylenes (total)	"	"	"	"	"	**56 "**		**10**	
Methyl tert-butyl ether	"	"	"	"	"	ND "		10	
Di-isopropyl ether	"	"	"	"	"	ND "		10	
Ethyl tert-butyl ether	"	"	"	"	"	ND "		10	
Tert-amyl methyl ether	"	"	"	"	"	ND "		10	
Tert-butyl alcohol	"	"	"	"	"	ND "		200	
1,2-Dichloroethane	"	"	"	"	"	ND "		10	
Chlorobenzene	"	"	"	"	"	ND "		10	
1,3-Dichlorobenzene	"	"	"	"	"	ND "		10	
1,4-Dichlorobenzene	"	"	"	"	"	ND "		10	
1,2-Dichlorobenzene	"	"	"	"	"	ND "		10	
1,2-Dibromoethane (EDB)	"	"	"	"	"	ND "		10	
Surrogate: Bromofluorobenzene	"	"	"	"		*105 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*102 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*116 %*	*88-139*		
MW-2 (A511362-03)			**Sample Type: Water**			**Sampled: 11/10/05 11:35**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Diesel	8015DRO	AK52103	11/18/05	11/23/05	1	ND ug/l		50	
TPH as Gasoline	8260GRO	AK52114	11/18/05	11/19/05	"	ND "		50	
Surrogate: Tetratetracontane	*8015DRO*	*AK52103*	*11/18/05*	*11/23/05*		*59.6 %*	*20-152*		
Surrogate: Toluene-d8	*8260GRO*	*AK52114*	*11/18/05*	*11/19/05*		*108 %*	*79-141*		

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Project Manager

11/23/2005

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EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
MW-2 (A511362-03)			**Sample Type: Water**			**Sampled: 11/10/05 11:35**			
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AK52119	11/18/05	11/19/05	1	ND ug/l		0.30	
Toluene	"	"	"	"	"	ND "		0.30	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	ND "		0.50	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Di-isopropyl ether	"	"	"	"	"	ND "		0.50	
Ethyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Tert-amyl methyl ether	"	"	"	"	"	ND "		0.50	
Tert-butyl alcohol	"	"	"	"	"	ND "		10	
1,2-Dichloroethane	"	"	"	"	"	ND "		0.50	
Chlorobenzene	"	"	"	"	"	ND "		0.50	
1,3-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,4-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dibromoethane (EDB)	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*96.8 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*110 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*108 %*	*88-139*		
MW-3 (A511362-04)			**Sample Type: Water**			**Sampled: 11/10/05 11:10**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Diesel	8015DRO	AK52103	11/18/05	11/23/05	1	ND ug/l		50	
TPH as Gasoline	8260GRO	AK52114	11/18/05	11/19/05	"	ND "		50	
Surrogate: Tetratetracontane	*8015DRO*	*AK52103*	*11/18/05*	*11/23/05*		*51.1 %*	*20-152*		
Surrogate: Toluene-d8	*8260GRO*	*AK52114*	*11/18/05*	*11/19/05*		*114 %*	*79-141*		

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CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
MW-3 (A511362-04)			**Sample Type: Water**			**Sampled: 11/10/05 11:10**			
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AK52119	11/18/05	11/19/05	1	ND ug/l		0.30	
Toluene	"	"	"	"	"	ND "		0.30	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	ND "		0.50	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Di-isopropyl ether	"	"	"	"	"	ND "		0.50	
Ethyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Tert-amyl methyl ether	"	"	"	"	"	ND "		0.50	
Tert-butyl alcohol	"	"	"	"	"	ND "		10	
1,2-Dichloroethane	"	"	"	"	"	ND "		0.50	
Chlorobenzene	"	"	"	"	"	ND "		0.50	
1,3-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,4-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dibromoethane (EDB)	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*101 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*114 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*114 %*	*88-139*		
MW-4 (A511362-05)			**Sample Type: Water**			**Sampled: 11/10/05 14:10**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Diesel	8015DRO	AK52103	11/18/05	11/23/05	1	ND ug/l		50	
TPH as Gasoline	8260GRO	AK52114	11/18/05	11/19/05	"	ND "		50	
Surrogate: Tetratetracontane	*8015DRO*	*AK52103*	*11/18/05*	*11/23/05*		*59.1 %*	*20-152*		
Surrogate: Toluene-d8	*8260GRO*	*AK52114*	*11/18/05*	*11/19/05*		*108 %*	*79-141*		

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CHEMICAL EXAMINATION REPORT

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825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
MW-4 (A511362-05)			**Sample Type: Water**			**Sampled: 11/10/05 14:10**			
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AK52119	11/18/05	11/19/05	1	ND ug/l		0.30	
Toluene	"	"	"	"	"	**0.30** "		**0.30**	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	ND "		0.50	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Di-isopropyl ether	"	"	"	"	"	ND "		0.50	
Ethyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Tert-amyl methyl ether	"	"	"	"	"	ND "		0.50	
Tert-butyl alcohol	"	"	"	"	"	ND "		10	
1,2-Dichloroethane	"	"	"	"	"	ND "		0.50	
Chlorobenzene	"	"	"	"	"	ND "		0.50	
1,3-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,4-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dibromoethane (EDB)	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*99.2 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*107 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*108 %*	*88-139*		
MW-6 (A511362-06)			**Sample Type: Water**			**Sampled: 11/10/05 14:30**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Diesel	8015DRO	AK52103	11/18/05	11/23/05	1	ND ug/l		50	
TPH as Gasoline	8260GRO	AK52114	11/18/05	11/19/05	"	ND "		50	
Surrogate: Tetratetracontane	*8015DRO*	*AK52103*	*11/18/05*	*11/23/05*		*44.7 %*	*20-152*		
Surrogate: Toluene-d8	*8260GRO*	*AK52114*	*11/18/05*	*11/19/05*		*112 %*	*79-141*		

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Project Manager

11/23/2005

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CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
MW-6 (A511362-06)			**Sample Type: Water**			**Sampled: 11/10/05 14:30**			
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AK52119	11/18/05	11/19/05	1	ND ug/l		0.30	
Toluene	"	"	"	"	"	ND "		0.30	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	ND "		0.50	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Di-isopropyl ether	"	"	"	"	"	ND "		0.50	
Ethyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Tert-amyl methyl ether	"	"	"	"	"	ND "		0.50	
Tert-butyl alcohol	"	"	"	"	"	ND "		10	
1,2-Dichloroethane	"	"	"	"	"	ND "		0.50	
Chlorobenzene	"	"	"	"	"	ND "		0.50	
1,3-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,4-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dichlorobenzene	"	"	"	"	"	ND "		0.50	
1,2-Dibromoethane (EDB)	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*101 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*112 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*112 %*	*88-139*		

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A511362	11/11/2005 13:00	EBA	

TPH by EPA/LUFT GC/GCMS Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK52103 - EPA 3510B Water										
Blank (AK52103-BLK1)				Prepared: 11/18/05 Analyzed: 11/22/05						
TPH as Diesel	ND	50	ug/l							
Surrogate: Tetratetracontane	*68.5*		"	*162*		*42.3*	*20-152*			
LCS (AK52103-BS1)				Prepared: 11/18/05 Analyzed: 11/22/05						
TPH as Diesel	1800	50	ug/l	2000		90.0	52-136			
Surrogate: Tetratetracontane	*88.4*		"	*162*		*54.6*	*20-152*			
LCS Dup (AK52103-BSD1)				Prepared: 11/18/05 Analyzed: 11/22/05						
TPH as Diesel	1730	50	ug/l	2000		86.5	52-136	3.97	25	
Surrogate: Tetratetracontane	*107*		"	*162*		*66.0*	*20-152*			
Batch AK52114 - VOAs in Water GCMS										
Blank (AK52114-BLK1)				Prepared & Analyzed: 11/18/05						
TPH as Gasoline	ND	50	ug/l							
Surrogate: Toluene-d8	*27.5*		"	*25.0*		*110*	*79-141*			
LCS (AK52114-BS1)				Prepared: 11/18/05 Analyzed: 11/19/05						
TPH as Gasoline	184	50	ug/l	200		92.0	75-126			
Surrogate: Toluene-d8	*27.1*		"	*25.0*		*108*	*79-141*			
LCS Dup (AK52114-BSD1)				Prepared: 11/18/05 Analyzed: 11/19/05						
TPH as Gasoline	178	50	ug/l	200		89.0	75-126	3.31	20	
Surrogate: Toluene-d8	*28.2*		"	*25.0*		*113*	*79-141*			
Matrix Spike (AK52114-MS1)	**Source: A511362-01**			Prepared: 11/18/05 Analyzed: 11/19/05						
TPH as Gasoline	192	50	ug/l	200	ND	89.0	32-166			

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A511362	11/11/2005 13:00	EBA	

TPH by EPA/LUFT GC/GCMS Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK52114 - VOAs in Water GCMS										
Matrix Spike (AK52114-MS1)		**Source: A511362-01**		Prepared: 11/18/05 Analyzed: 11/19/05						
Surrogate: Toluene-d8	*27.9*		*"*	*25.0*		*112*	*79-141*			

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A511362	11/11/2005 13:00	EBA	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK52119 - VOAs in Water GCMS										
Blank (AK52119-BLK1)				Prepared & Analyzed: 11/18/05						
Benzene	ND	0.30	ug/l							
Toluene	ND	0.30	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	10	"							
1,2-Dichloroethane	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Surrogate: Bromofluorobenzene	*23.4*		"	*25.0*		*93.6*	*78-138*			
Surrogate: Dibromofluoromethane	*27.5*		"	*25.0*		*110*	*71-136*			
Surrogate: Toluene-d8	*27.5*		"	*25.0*		*110*	*88-139*			
LCS (AK52119-BS1)				Prepared & Analyzed: 11/18/05						
Benzene	5.46	0.30	ug/l	5.00		109	68-129			
Toluene	5.32	0.30	"	5.00		106	76-137			
Ethylbenzene	5.19	0.50	"	5.00		104	78-136			
Xylenes (total)	16.1	0.50	"	15.0		107	76-134			
Methyl tert-butyl ether	4.55	0.50	"	5.00		91.0	64-141			
Di-isopropyl ether	5.63	0.50	"	5.07		111	80-132			
Ethyl tert-butyl ether	5.80	0.50	"	5.08		114	66-138			

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CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 11/23/05 13:59
Project No: 02-944
Project ID: 74 Benson Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK52119 - VOAs in Water GCMS										
LCS (AK52119-BS1)				Prepared & Analyzed: 11/18/05						
Tert-amyl methyl ether	5.31	0.50	"	5.16		103	58-142			
Tert-butyl alcohol	110	10	"	98.2		112	70-139			
1,2-Dichloroethane	5.30	0.50	"	5.00		106	65-125			
Chlorobenzene	5.01	0.50	"	5.00		100	75-127			
1,3-Dichlorobenzene	5.04	0.50	"	5.00		101	78-129			
1,4-Dichlorobenzene	5.26	0.50	"	5.00		105	82-124			
1,2-Dichlorobenzene	5.28	0.50	"	5.00		106	81-125			
1,2-Dibromoethane (EDB)	5.24	0.50	"	5.00		105	80-130			
Surrogate: Bromofluorobenzene	*29.0*		"	*25.0*		*116*	*78-138*			
Surrogate: Dibromofluoromethane	*26.5*		"	*25.0*		*106*	*71-136*			
Surrogate: Toluene-d8	*28.2*		"	*25.0*		*113*	*88-139*			
LCS Dup (AK52119-BSD1)				Prepared & Analyzed: 11/18/05						
Benzene	4.94	0.30	ug/l	5.00		98.8	68-129	10.0	25	
Toluene	5.10	0.30	"	5.00		102	76-137	4.22	25	
Ethylbenzene	4.85	0.50	"	5.00		97.0	78-136	6.77	25	
Xylenes (total)	15.2	0.50	"	15.0		101	76-134	5.75	25	
Methyl tert-butyl ether	5.08	0.50	"	5.00		102	64-141	11.0	25	
Di-isopropyl ether	5.45	0.50	"	5.07		107	80-132	3.25	25	
Ethyl tert-butyl ether	5.47	0.50	"	5.08		108	66-138	5.86	25	
Tert-amyl methyl ether	5.36	0.50	"	5.16		104	58-142	0.937	25	
Tert-butyl alcohol	125	10	"	98.2		127	70-139	12.8	25	
1,2-Dichloroethane	5.12	0.50	"	5.00		102	65-125	3.45	25	
Chlorobenzene	4.89	0.50	"	5.00		97.8	75-127	2.42	25	
1,3-Dichlorobenzene	4.81	0.50	"	5.00		96.2	78-129	4.67	25	
1,4-Dichlorobenzene	5.02	0.50	"	5.00		100	82-124	4.67	25	
1,2-Dichlorobenzene	5.13	0.50	"	5.00		103	81-125	2.88	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Nena M. Burgess For Sheri L. Speaks
Project Manager

11/23/2005

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Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK52119 - VOAs in Water GCMS										
LCS Dup (AK52119-BSD1)				Prepared & Analyzed: 11/18/05						
1,2-Dibromoethane (EDB)	5.25	0.50	"	5.00		105	80-130	0.191	25	
Surrogate: Bromofluorobenzene	*28.7*		"	*25.0*		*115*	*78-138*			
Surrogate: Dibromofluoromethane	*25.5*		"	*25.0*		*102*	*71-136*			
Surrogate: Toluene-d8	*27.7*		"	*25.0*		*111*	*88-139*			
Matrix Spike (AK52119-MS1)		**Source: A511362-01**		Prepared & Analyzed: 11/18/05						
Benzene	5.47	0.30	ug/l	5.00	ND	109	39-142			
Toluene	5.61	0.30	"	5.00	ND	112	44-148			
Ethylbenzene	5.49	0.50	"	5.00	ND	110	42-148			
Xylenes (total)	16.9	0.50	"	15.0	ND	113	43-145			
Methyl tert-butyl ether	3.76	0.50	"	5.00	ND	75.2	29-161			
Di-isopropyl ether	5.62	0.50	"	5.07	ND	111	42-156			
Ethyl tert-butyl ether	5.67	0.50	"	5.08	ND	112	42-151			
Tert-amyl methyl ether	5.18	0.50	"	5.16	ND	100	38-148			
Tert-butyl alcohol	49.5	10	"	98.2	ND	50.4	42-171			
1,2-Dichloroethane	5.24	0.50	"	5.00	ND	105	36-136			
Chlorobenzene	5.30	0.50	"	5.00	ND	106	41-140			
1,3-Dichlorobenzene	5.24	0.50	"	5.00	ND	105	42-139			
1,4-Dichlorobenzene	5.20	0.50	"	5.00	ND	104	41-142			
1,2-Dichlorobenzene	5.35	0.50	"	5.00	ND	107	39-145			
1,2-Dibromoethane (EDB)	5.24	0.50	"	5.00	ND	105	40-147			
Surrogate: Bromofluorobenzene	*28.9*		"	*25.0*		*116*	*78-138*			
Surrogate: Dibromofluoromethane	*26.0*		"	*25.0*		*104*	*71-136*			
Surrogate: Toluene-d8	*28.9*		"	*25.0*		*116*	*88-139*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Nena M. Burgess For Sheri L. Speaks
Project Manager

11/23/2005

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Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A511362	11/11/2005 13:00	EBA	

Notes and Definitions

R-06	The Reporting Limits for this analysis have been raised to account for matrix interference.
D-07	Analysis of this sample indicates the presence of hydrocarbons lower in molecular weight than diesel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
PQL	Practical Quantitation Limit

Work Order
Chain of Custody Record

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Lab No. A511302 Page 1 of 1

Company Name: EBA Engineering	Project Name: Benson Ln	Project Number: 02-944
Mailing Address: 825 Sonoma Ave	Project Address: 74 Benson Ln	
Project Contact (Hardcopy or PDF to): David Noren	P.O. #	Quote #
Phone/Fax: 544-0784	Bill to:	

Signature below authorizes work under terms stated on reverse side.

Samplers Signature:	Sampling		Container					Preservative					Matrix		Analysis Request																TAT	For Lab Use Only
Sample Designation	Date	Time	40ml VOA	Poly	Amber	Sleeve		HCL	HNO3	H2SO4		None	Water	Soil	TPH-G	TPH-D	MTBE	BTEX	Pb Scav												24 hr ○ 48 hr ○ Lab Approval Required 1 wk ○ 2 wk (standard) ⊗	
DW	11-10-05	1000	6					4				2	6																		1	
MW-1		1450																													2	
MW-2		1135																													3	
MW-3		1110																													4	
MW-4		1410																													5	
MW-6		1430																													6	

Relinquished by:	Received by:	Date	Time
		11/11/05	9:15
Relinquished by:	Received by:	Date	Time
		11/11/05	13:00
Relinquished by:	Received for Laboratory by:	Date	Time

California EDF Report? ⊗ Yes ○ No
Sampling Company Log Code:
Global ID: T0609734491
EDF to (Email Address):
Drinking Water State System/Source Number:

Sample Condition on Receipt:	Travel and Site Time:	Mileage:	Misc. Supplies:
5.2			